

D2  
polymer/monomer solution in the form of a dispersion in the linking compound. Suitable dispersions are available commercially for use as coating compositions to provide abrasion resistant coating. Examples of suitable commercial dispersion include the HIGHLINK™ compounds available from Clariant, e.g, Highlink OG 100-30. The ratio of said linking compound to said finely divided oxide is preferably in the range 1:1 – 5:1 (more preferably 2:1 – 4:1) by weight. The dispersion is preferably present at 0.2 to 10%, more preferably 2 to 8% by weight in the polymerisable composition.--

IN THE CLAIMS

Please cancel claim 6 without prejudice or disclaimer.

Please enter the following amended claims:

Sub E1  
D3  
1. (Three times Amended) An uncoated and unfilled acrylic polymer product obtained from an acrylic composition comprising at least 70 % w/w of the residues of at least one polymerizable acrylic monomer, 0.2 – 5 % w/w of a finely divided compound having a particle size between 1 and 50 nm and comprising at least one oxide selected from silicon, titanium, zirconium and aluminum oxides, and 0.2-25 % w/w of at least one linking compound which is miscible with said polymerizable acrylic monomer and which is capable of bonding to the surface of the oxide compound.

Sub E2  
D4  
2. (Twice Amended) An uncoated and unfilled acrylic polymer product obtained from an acrylic composition comprising at least 70 % w/w of the residues of at least one polymerizable acrylic monomer, 0.2 – 5 % w/w of a finely divided compound comprising at least one oxide selected from silicon, titanium, zirconium and aluminum oxides, and 0.2-25 % w/w of at least one linking compound which is miscible with said polymerizable acrylic monomer and which is capable of bonding to the surface of the oxide compound, wherein the linking compound comprises a monofunctional or polyfunctional acrylate or methacrylate compound which additionally contains a polar group.

Sub E3  
D5  
3. (Three times amended) An uncoated and unfilled acrylic polymer product obtained from an acrylic composition comprising at least 70 % w/w of the residues of at least one polymerizable acrylic monomer, 0.2 – 5 % w/w of a finely divided oxide compound and 0.2-25 % w/w of at least one linking compound which is miscible with said polymerizable acrylic monomer and which is capable of bonding to the surface of the oxide compound, wherein the finely divided oxide compound comprises colloidal silica.

Sub E6

D6

8. (Three Amended) An uncoated and unfilled acrylic polymer product obtained from a polymerizable composition comprising at least 70 % w/w of at least one polymerizable acrylic monomer, 0.2 – 5 % w/w of a finely divided compound having an average particle size between 1 and 50 nm and comprising at least one oxide selected from silicon, titanium, zirconium and aluminum oxides, and 0.2-25 % w/w of at least one linking compound which is miscible with said polymerizable acrylic monomer and which is capable of bonding to the surface of the oxide compound.

11. (Twice Amended) Process of manufacturing an uncoated abrasion resistant polymer product comprising polymerizing and shaping an acrylic composition comprising at least 70 % w/w of the residues of at least one polymerizable acrylic monomer, 0.3 – 5 % w/w of a finely divided compound having an average particle size between 1 and 50 nm and comprising at least one oxide selected from silicon, titanium, zirconium and aluminum oxides, and 0.2-25 % w/w of at least one linking compound which is miscible with said polymerizable acrylic monomer and which is capable of bonding to the surface of the oxide compound.

12. (Twice Amended) Process of manufacturing an uncoated abrasion resistant polymer product comprising polymerizing and shaping a polymerizable composition comprising at least 70 % w/w of at least one polymerizable acrylic monomer, 0.2 – 5 % w/w of a finely divided compound having an average particle size between 1 and 50 nm and comprising at least one oxide selected from silicon, titanium, zirconium and aluminum oxides, and 0.2-25 % w/w of at least one linking compound which is miscible with said polymerizable acrylic monomer and which is capable of bonding to the surface of the oxide compound.

*See the attached Appendix for the changes made to effect the above claim(s).*